

## PALM INTRANET

Day: Tuesday Date: 5/17/2005

Time: 17:02:11

## **Inventor Name Search**

Enter the first few letters of the Inventor's Last Name. Additionally, enter the first few letters of the Inventor's First name.

Last Name	First Name	
mitchell	lloyd	Search

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Day: Tuesday Date: 5/17/2005

Time: 17:02:11

## **Inventor Name Search**

Enter the first few letters of the Inventor's Last Name.

Additionally, enter the first few letters of the Inventor's First name.

Last Name	First Name	
otto	edward	Search

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Day: Tuesday Date: 5/17/2005

Time: 17:02:11

## **Inventor Name Search**

Enter the first few letters of the Inventor's Last Name. Additionally, enter the first few letters of the Inventor's First name.

Last Name	First Name	
merril	carl	Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

BEGIN 5,6,55,154,155,156,312,399,BIOTECH,BIOSCI >>> 135 is unauthorized

```
Set Items Description
S TRANS (N) SPLIC? AND PHOTODYN?
         1004803 TRANS
          312443 SPLIC?
            6049 TRANS(N)SPLIC?
           72671 PHOTODYN?
      S1
               2 TRANS (N) SPLIC? AND PHOTODYN?
?
     Display 1/3/1
                       (Item 1 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
 141083589
              CA: 141(6)83589c
                                  PATENT
 Trans-splicing mediated photodynamic therapy
  INVENTOR(AUTHOR): Mitchell, Lloyd G.; Otto, Edward; Merril, Carl R.
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ. ; US 20040132181 A1 DATE: 20040708
  APPLICATION: US 658617 (20030909) *US PV359948 (20020225) *US 374784
(20030225)
  PAGES: 48 pp., Cont.-in-part of U.S. Pat. Appl. 2004 58,344. CODEN:
USXXCO LANGUAGE: English CLASS: 435325000; C12N-005/06A; C12Q-001/68B
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     Display 1/3/2
                       (Item 1 from file: 357)
DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0366216 DBR Accession No.: 2005-11924
                                          PATENT
New cell having a nucleic acid molecule that target binding to a target
  pre-mRNA expressed within the cell, useful for conferring selective
  death on cells expressing a specific target precursor messenger RNA
   such as in cancer - DNA molecule cell and recombinant replicative virus
   for use in disease therapy
AUTHOR: MITCHELL L G; OTTO E; MERRIL C R
PATENT ASSIGNEE: INTRONN INC 2005
PATENT NUMBER: WO 200523990 PATENT DATE: 20050317 WPI ACCESSION NO.:
    2005-223361 (200523)
PRIORITY APPLIC. NO.: US 658617 APPLIC. DATE: 20030909
NATIONAL APPLIC. NO.: WO 2004US29022 APPLIC. DATE: 20040907
LANGUAGE: English
                                 - end of record -
?
S (PRE-MRNA OR PRE (N) MRNA) AND TRANS (N) SPLIC?
            3373 PRE-MRNA
        1499419 PRE
         1614611 MRNA
           31964 PRE (N) MRNA
         1004803 TRANS
          312443 SPLIC?
            6049 TRANS (N) SPLIC?
     S2
            887 (PRE-MRNA OR PRE (N) MRNA) AND TRANS (N) SPLIC?
?
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```
S S2 AND (LIGHT OR BIOLUM? OR FLUOR?)
>>>File 5 processing for FLUOR? stopped at FLUOROCYTIDINE
>>>File 55 processing for FLUOR? stopped at FLUOROMETHOXYPHENYLHYDRAZONE
>>>File 154 processing for FLUOR? stopped at FLUOROKETOROLAC
>>>File 155 processing for FLUOR? stopped at FLUOROARABINOFURANOSYLCYTOSINE
>>>File 156 processing for FLUOR? stopped at FLUORURIDINE
>>>File 312 processing for FLUOR? stopped at FLUOROALKYLIODIDE
>>>File 399 processing for FLUOR? stopped at FLUORENYLIDENETRIPHENYLPHOSPHO
>>>File 8 processing for FLUOR? stopped at FLUOROPORE
>>>File 34 processing for FLUOR? stopped at FLUOROBENZOYLCEPHALOSPORINS
>>>File 73 processing for FLUOR? stopped at FLUOROBENZOYLARGINYLARGINYL
>>>File 144 processing for FLUOR? stopped at FLUOROACETAMIDOMETHYL
>>>File 315 processing for FLUOR? stopped at FLUORWASSERSTOFFSPALTUNGSANALY
Processed 20 of 35 files ...
Processing
>>>File 391 processing for FLUOR? stopped at FLUORIGENIC
Completed processing all files
             887 S2
         3298419 LIGHT
           41816 BIOLUM?
         3156531 FLUOR?
              54 S2 AND (LIGHT OR BIOLUM? OR FLUOR?)
      s3
?
S S3 AND ADENOVIR?
              54 S3
          239844 ADENOVIR?
              8 S3 AND ADENOVIR?
?
RD S4
>>>Duplicate detection is not supported for File 391.
>>>Records from unsupported files will be retained in the RD set.
...completed examining records
      S5
              8 RD S4 (unique items)
     Display 5/3/1
                       (Item 1 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
              CA: 141(6)83589c
 Trans-splicing mediated photodynamic therapy
  INVENTOR(AUTHOR): Mitchell, Lloyd G.; Otto, Edward; Merril, Carl R.
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ. ; US 20040132181 A1 DATE: 20040708
  APPLICATION: US 658617 (20030909) *US PV359948 (20020225) *US 374784
(20030225)
  PAGES: 48 pp., Cont.-in-part of U.S. Pat. Appl. 2004 58,344. CODEN:
USXXCO LANGUAGE: English CLASS: 435325000; C12N-005/06A; C12Q-001/68B
                                 - end of record -
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     Display 5/3/2
                       (Item 2 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
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(c) 2005 American Chemical Society. All rts. reserv. 140194419 CA: 140(13)194419w PATENT Use of spliceosome mediated RNA trans-splicing to confer cell selective replication to adenoviruses by complementing defective adenoviral essential genes from PTM-encoded proteins INVENTOR (AUTHOR): Otto, Edward LOCATION: USA PATENT: U.S. Pat. Appl. Publ. ; US 20040038403 A1 DATE: 20040226 APPLICATION: US 434727 (20030508) \*US PV378690 (20020508) PAGES: 16 pp. CODEN: USXXCO LANGUAGE: English CLASS: 435456000; C12N-015/861A; C12N-007/00B - end of record -? Display 5/3/3 (Item 3 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2005 American Chemical Society. All rts. reserv. 139302992 CA: 139(20)302992t PATENT Transgenic animal model for spliceosome-mediated RNA trans-splicing INVENTOR (AUTHOR): Puttaraju, Madaiah; Mitchell, Lloyd G.; Engelhardt, John F.; Liu, Xiaoming LOCATION: USA PATENT: U.S. Pat. Appl. Publ.; US 20030204861 A1 DATE: 20031030 APPLICATION: US 136723 (20020430) PAGES: 15 pp. CODEN: USXXCO LANGUAGE: English CLASS: 800018000; A01K-067/027A - end of record -? Display 5/3/4 (Item 1 from file: 98) DIALOG(R)File 98:General Sci Abs/Full-Text (c) 2005 The HW Wilson Co. All rts. reserv. 04045917 H.W. WILSON RECORD NUMBER: BGS199045917 (USE FORMAT 7 FOR FULLTEXT) eIF4 initiation factors: effectors of mRNA recruitment to ribosomes and regulators of translation. Gingras, Anne-Claude Raught, Brian; Sonenberg, Nahum Annual Review of Biochemistry v. 68 (1999) p. 913-63 SPECIAL FEATURES: bibl il ISSN: 0066-4154 LANGUAGE: English COUNTRY OF PUBLICATION: United States WORD COUNT: 21787 - end of record -? Display 5/3/5 (Item 2 from file: 98) DIALOG(R)File 98:General Sci Abs/Full-Text (c) 2005 The HW Wilson Co. All rts. reserv. 04004118 H.W. WILSON RECORD NUMBER: BGS199004118 (USE FORMAT 7 FOR FULLTEXT) Alternative splicing of pre-mRNA: developmental consequences and mechanisms of regulation.

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Lopez, A. Javier
Annual Review of Genetics (Annu Rev Genet) v. 32 ('98) p. 279-305
SPECIAL FEATURES: bibl il ISSN: 0066-4197
 LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 13032
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2
                       (Item 1 from file: 357)
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DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0366216 DBR Accession No.: 2005-11924
                                          PATENT
 New cell having a nucleic acid molecule that target binding to a target
   pre-mRNA expressed within the cell, useful for conferring selective
   death on cells expressing a specific target precursor messenger RNA
   such as in cancer - DNA molecule cell and recombinant replicative virus
   for use in disease therapy
AUTHOR: MITCHELL L G; OTTO E;
                               MERRIL C R
PATENT ASSIGNEE: INTRONN INC 2005
PATENT NUMBER: WO 200523990 PATENT DATE: 20050317 WPI ACCESSION NO.:
    2005-223361 (200523)
PRIORITY APPLIC. NO.: US 658617 APPLIC. DATE: 20030909
NATIONAL APPLIC. NO.: WO 2004US29022 APPLIC. DATE: 20040907
LANGUAGE: English
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     Display 5/3/7
                       (Item 2 from file: 357)
DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0339648 DBR Accession No.: 2004-11940
                                          PATENT
New recombinant conditionally replicative adenovirus comprising a transgene
   that encodes a pre-trans-splicing molecule, useful for selective
   destruction of cancer cells or disease associated cells - adeno virus
   vector-mediated gene transfer and expression in host cell for gene
   therapy
AUTHOR: OTTO E
PATENT ASSIGNEE: OTTO E 2004
PATENT NUMBER: US 20040038403 PATENT DATE: 20040226 WPI ACCESSION NO.:
    2004-203234 (200419)
PRIORITY APPLIC. NO.: US 434727 APPLIC. DATE: 20030508
NATIONAL APPLIC. NO.: US 434727 APPLIC. DATE: 20030508
LANGUAGE: English
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     Display 5/3/8
                      (Item 3 from file: 357)
DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0332976 DBR Accession No.: 2004-05268
                                          PATENT
New transgenic non-human animal whose germ and somatic cells containing an
  exogenous nucleic acid molecule, useful in testing the ability of a
  pre-trans-splicing molecule to mediate a trans-splicing reaction -
```

```
transgenic animal model construction for use in trans-splicing reaction
AUTHOR: PUTTARAJU M; MITCHELL L G; ENGELHARDT J F; LIU X
PATENT ASSIGNEE: PUTTARAJU M; MITCHELL L G; ENGELHARDT J F;
PATENT NUMBER: US 20030204861 PATENT DATE: 20031030 WPI ACCESSION NO.:
    2004-010551 (200401)
PRIORITY APPLIC. NO.: US 136723 APPLIC. DATE: 20020430
NATIONAL APPLIC. NO.: US 136723 APPLIC. DATE: 20020430
LANGUAGE: English
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...examined 50 records (50)
...completed examining records
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                       (Item 1 from file: 5)
DIALOG(R) File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
             BIOSIS NO.: 200400436492
0015068573
 Chemical synthesis and binding activity of the trypanosomatid cap-4
 structure
AUTHOR: Lewdorowicz Magdalena; Yoffe Yael; Zuberek Joanna; Jemielity Jacek;
  Stepinski Janusz; Kierzek Ryszard; Stolarski Ryszard; Shapira Michal;
  Darzynkiewicz Edward (Reprint)
AUTHOR ADDRESS: Inst Expt PhysDept Biophys, Univ Warsaw, 93 Zwirki and
  Wigury St, PL-02089, Warsaw, Poland**Poland
AUTHOR E-MAIL ADDRESS: edek@biogeo.uw.edu.pl
JOURNAL: RNA (Cold Spring Harbor) 10 (9): p1469-1478 September 2004 2004
MEDIUM: print
ISSN: 1355-8382 (ISSN print)
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
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     Display 6/3/2
                      (Item 2 from file: 5)
DIALOG(R) File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
0014303121
            BIOSIS NO.: 200300261765
Exportin 1 mediates nuclear export of the kinetoplastid spliced leader RNA.
AUTHOR: Zeiner Gusti M; Sturm Nancy R; Campbell David A (Reprint)
AUTHOR ADDRESS: Department of Microbiology, Immunology and Molecular
  Genetics, University of California at Los Angeles, 609 Charles E. Young
  Dr. East, Los Angeles, CA, 90095-1489, USA**USA
AUTHOR E-MAIL ADDRESS: dc@ucla.edu
JOURNAL: Eukaryotic Cell 2 (2): p222-230 April 2003 2003
MEDIUM: print
ISSN: 1535-9778 (ISSN print)
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
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LANGUAGE: English
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DIALOG(R)File
              5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
0013667872
             BIOSIS NO.: 200200261383
 In vivo functional correction of hemophilia A mice by a novel
 spliceosome-mediated trans-splicing RNA repair mechanism
AUTHOR: Chao Hengjun (Reprint); Mansfield S Gary; Mitchell Lloyd G;
  Garcia-Blanco Mariano A; Walsh Christopher E (Reprint)
AUTHOR ADDRESS: UNC Gene Therapy Center, UNC, Chapel Hill, NC, USA**USA
JOURNAL: Blood 98 (11 Part 1): p781a November 16, 2001 2001
MEDIUM: print
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of
Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English
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     Display 6/3/4
                       (Item 4 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
0013445116 BIOSIS NO.: 200200038627
Blocking of IT15 gene expression as an approach for a treatment of
 Huntington's disease
AUTHOR: Sonntag K C (Reprint); Anderson T (Reprint); Belizaire R (Reprint);
  Costantini L C (Reprint); Isacson O (Reprint)
AUTHOR ADDRESS: Neuroregeneration Laboratory, McLean Hospital, Harvard
  Medical School, Belmont, MA, USA**USA
JOURNAL: Society for Neuroscience Abstracts 27 (2): p2576 2001 2001
MEDIUM: print
CONFERENCE/MEETING: 31st Annual Meeting of the Society for Neuroscience
San Diego, California, USA November 10-15, 2001; 20011110
ISSN: 0190-5295
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English
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                      (Item 5 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
0009678826
             BIOSIS NO.: 199598146659
Characterization of the unique intron-exon junctions of Euglena gene(s)
encoding the polyprotein precursor to the light-harvesting chlorophyll
 a/b binding protein of photosystem II
AUTHOR: Muchhal Umesh S; Schwartzbach Steven D (Reprint)
```

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AUTHOR ADDRESS: Sch. Biol. Sci., Univ. Nebraska-Lincoln, Lincoln, NE
  68588-0343, USA**USA
JOURNAL: Nucleic Acids Research 22 (25): p5737-5744 1994 1994
ISSN: 0305-1048
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
                                - end of record -
?
     Display 6/3/6
                    (Item 6 from file: 5)
DIALOG(R) File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
0008162947
            BIOSIS NO.: 199293005838
 IN-VIVO UV CROSS-LINKING OF U SMALL NUCLEAR RNAS THAT PARTICIPATE IN
 TRYPANOSOME TRANS-SPLICING
AUTHOR: WATKINS K P (Reprint); AGABIAN N
AUTHOR ADDRESS: UNIV CALIF, SAN FRANCISCO BERKELEY INTERCAMPUS PROGRAM IN
 MOL PARASITOL, LAUREL HEIGHTS CAMPUS, SAN FRANCISCO, CALIF 94143, USA**
 USA
JOURNAL: Genes and Development 5 (10): p1859-1869 1991
ISSN: 0890-9369
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH
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    Display 6/3/7
                      (Item 1 from file: 154)
DIALOG(R) File 154: MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.
13876415
          PMID: 11560414
Schistosoma mansoni: molecular characterization of a tegumental Ca-ATPase
 (SMA3).
 Da'dara A; Tsai M H; Tao L F; Marx K A; Shoemaker C B; Harn D A; Skelly P
 Department of Immunology and Infectious Diseases, Harvard School of
Public Health, 665 Huntington Avenue, Boston, MA 02115, U.S.A.
 Experimental parasitology (United States) Aug 2001, 98 (4) p215-22,
Publishing Model Print
 Document type: Journal Article
 Languages: ENGLISH
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed
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2
    Display 6/3/8
                      (Item 2 from file: 154)
DIALOG(R) File 154: MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.
12561461
          PMID: 9879882
Identification of a nuclear protein in Trypanosoma brucei with homology
to RNA-binding proteins from cis-splicing systems.
```

```
Manger I D; Boothroyd J C
  Dept. of Microbiology & Immunology, Stanford University Medical Center,
CA 94305-5124, USA.
  Molecular and biochemical parasitology (NETHERLANDS)
                                                           Nov 30 1998, 97
 (1-2) p1-11, ISSN 0166-6851 Journal Code: 8006324
  Contract/Grant No.: AI21025; AI; NIAID
  Publishing Model Print
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed
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     Display 6/3/9
                       (Item 3 from file: 154)
DIALOG(R) File 154: MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.
11534393
           PMID: 8843170
 SV40 T1-mRNA trans-splicing and translation requires that the in vitro
 synthesized cRNA is capped before microinjection.
  Graessmann M; Eul J; Berg B; Zimmermann C; Graessmann A
  Institut fur Molekularbiologie und Biochemie der Freien Universitat
Berlin, Germany.
        letters (NETHERLANDS)
  FEBS
                                       30 1996, 394 (2) p233-6, ISSN
                                 Sep
0014-5793 Journal Code: 0155157
  Publishing Model Print
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed
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                        (Item 4 from file: 154)
DIALOG(R) File 154: MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.
09531055
           PMID: 1655571
In vivo UV cross-linking of U snRNAs that participate in trypanosome
 trans-splicing.
 Watkins K P; Agabian N
  University of California, San Francisco.
  Genes & development (UNITED STATES)
                                       Oct 1991, 5 (10) p1859-69,
ISSN 0890-9369 Journal Code: 8711660
  Contract/Grant No.: AI21975; AI; NIAID
  Publishing Model Print
  Document type: Journal Article
  Languages: ENGLISH
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed
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    Display 6/3/11
                        (Item 1 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
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141083589
              CA: 141(6)83589c
                                  PATENT
 Trans-splicing mediated photodynamic therapy
 ·INVENTOR (AUTHOR): Mitchell, Lloyd G.; Otto, Edward; Merril, Carl R.
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ.; US 20040132181 A1 DATE: 20040708
  APPLICATION: US 658617 (20030909) *US PV359948 (20020225) *US 374784
(20030225)
  PAGES: 48 pp., Cont.-in-part of U.S. Pat. Appl. 2004 58,344. CODEN:
USXXCO LANGUAGE: English CLASS: 435325000; C12N-005/06A; C12Q-001/68B
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     Display 6/3/12
                        (Item 2 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
 140194419
              CA: 140(13)194419w
                                    PATENT
  Use of spliceosome mediated RNA trans-splicing to confer cell selective
 replication to adenoviruses by complementing defective adenoviral essential
 genes from PTM-encoded proteins
  INVENTOR (AUTHOR): Otto, Edward
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ. ; US 20040038403 Al DATE: 20040226
  APPLICATION: US 434727 (20030508) *US PV378690 (20020508)
  PAGES: 16 pp. CODEN: USXXCO LANGUAGE: English CLASS: 435456000;
C12N-015/861A; C12N-007/00B
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                        (Item 3 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
 139302992
              CA: 139(20)302992t
                                    PATENT
 Transgenic animal model for spliceosome-mediated RNA trans-splicing
  INVENTOR (AUTHOR): Puttaraju, Madaiah; Mitchell, Lloyd G.; Engelhardt,
John F.; Liu, Xiaoming
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ.; US 20030204861 A1 DATE: 20031030
 APPLICATION: US 136723 (20020430)
  PAGES: 15 pp. CODEN: USXXCO LANGUAGE: English CLASS: 800018000;
A01K-067/027A
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                        (Item 4 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
 139225446
              CA: 139(15)225446p
                                    PATENT
 Use of trans-splicing to generate mRNAs for reporter activities for
detection of specific gene expression
  INVENTOR (AUTHOR): Mitchell, Lloyd G.; Puttaraju, Madaiah; Mansfield, Gary
 LOCATION: USA
 ASSIGNEE: Intronn, Inc.
```

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PATENT: PCT International; WO 200372739 A2 DATE: 20030904
  APPLICATION: WO 2003US5615 (20030225) *US PV359948 (20020225)
  PAGES: 80 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A
  DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;
                                     -more-
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     Display 6/3/14
                        (Item 4 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;
ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ; CF;
CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
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                        (Item 1 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.
                                    No. References: 28
09789337
           Genuine Article#: 448RZ
 Title: Analysis of Euglena gracilis alpha-, beta- and gamma-tubulin genes:
   introns and pre-mRNA maturation
Author(s): Canaday J; Tessier LH; Imbault P; Paulus F (REPRINT)
Corporate Source: Univ Louis Pasteur Strasbourg 1, Inst Biol Mol Plantes,
    CNRS, 12 Rue Gen Zimmer/F-67084 Strasbourg//France/ (REPRINT); Univ
    Louis Pasteur Strasbourg 1, Inst Biol Mol Plantes, CNRS, F-67084
    Strasbourg//France/; Univ Strasbourg 1, INSERM, Lab Physiopathol
    Cellulaire & Mol Retine, F-67091 Strasbourg//France/
Journal: MOLECULAR GENETICS AND GENOMICS, 2001, V265, N1 (MAR), P153-160
                 Publication date: 20010300
ISSN: 1617-4615
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010 USA
Language: English Document Type: ARTICLE
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?
     Display 6/3/16
                        (Item 2 from file: 34)
DIALOG(R) File 34: SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.
03708494
          Genuine Article#: QA475
                                    No. References: 43
 Title: STRUCTURE AND EXPRESSION OF EUGLENA-GRACILIS NUCLEAR RBCS GENES
   ENCODING THE SMALL SUBUNITS OF THE RIBULOSE 1,5-BISPHOSPHATE
   CARBOXYLASE OXYGENASE - A NOVEL SPLICING PROCESS FOR UNUSUAL
   INTERVENING SEQUENCES
Author(s): TESSIER LH; PAULUS F; KELLER M; VIAL C; IMBAULT P
Corporate Source: UNIV STRASBOURG 1, CNRS, INST BIOL MOLEC PLANTES, 12 RUE GEN
    ZIMMER/F-67084 STRASBOURG//FRANCE/; UNIV STRASBOURG 1, CNRS, INST BIOL
    MOLEC PLANTES/F-67084 STRASBOURG//FRANCE/
Journal: JOURNAL OF MOLECULAR BIOLOGY, 1995, V245, N1 (JAN 6), P22-33
ISSN: 0022-2836
Language: ENGLISH
                    Document Type: ARTICLE
                                             (Abstract Available)
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      S7.
             36 S2 AND ADENOVIR?
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>>>Records from unsupported files will be retained in the RD set.
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            19 RD S7 (unique items)
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                      (Item 1 from file: 5)
DIALOG(R)File
              5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
0015224506
            BIOSIS NO.: 200500131143
 Gene transfer-mediated pre-mRNA segmental trans-splicing as a strategy to
 deliver intracellular toxins for cancer therapy
AUTHOR: Nakayama Katsutoshi; Pergolizzi Robert G; Crystal Ronald G
  (Reprint)
AUTHOR ADDRESS: Weill Med CollDept Med Genet, Cornell Univ, 515 E 71st
  St, S-1000, New York, NY, 10021, USA**USA
AUTHOR E-MAIL ADDRESS: gencticmedicine@med.cornell.edu
JOURNAL: Cancer Research 65 (1): p254-263 January 1, 2005 2005
MEDIUM: print
ISSN: 0008-5472 (ISSN print)
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
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     Display 8/3/2
                       (Item 2 from file: 5)
DIALOG(R) File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
0013354528 BIOSIS NO.: 200100526367
 Promiscuity of pre-mRNA spliceosome-mediated trans splicing: A problem for
 gene therapy?
AUTHOR: Kikumori Toyone; Cote Gilbert J; Gagel Robert F (Reprint)
AUTHOR ADDRESS: Division of Internal Medicine, University of Texas, M.D.
  Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, TX, 77030, USA
JOURNAL: Human Gene Therapy 12 (11): p1429-1441 July 20, 2001 2001
MEDIUM: print
ISSN: 1043-0342
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
                                 - end of record -
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Display 8/3/3
                       (Item 1 from file: 154)
DIALOG(R) File 154: MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.
13517134 PMID: 10485881
 Evidence for the function of an exonic splicing enhancer after the first
 catalytic step of pre-mRNA splicing.
  Chew S L; Liu H X; Mayeda A; Krainer A R
  Cold Spring Harbor Laboratory, Cold Spring Harbor, NY 11724, USA.
  Proceedings of the National Academy of Sciences of the United States of
America (UNITED
                STATES)
                                  14
                                       1999, 96
                            Sep
                                                   (19)
                                                           p10655-60, ISSN
0027-8424
            Journal Code: 7505876
  Contract/Grant No.: GM42699; GM; NIGMS
  Publishing Model Print
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed
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     Display 8/3/4
                       (Item 1 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
 141083589
              CA: 141(6)83589c
                                  PATENT
 Trans-splicing mediated photodynamic therapy
  INVENTOR (AUTHOR): Mitchell, Lloyd G.; Otto, Edward; Merril, Carl R.
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ. ; US 20040132181 A1 DATE: 20040708
  APPLICATION: US 658617 (20030909) *US PV359948 (20020225) *US 374784
(20030225)
  PAGES: 48 pp., Cont.-in-part of U.S. Pat. Appl. 2004 58,344. CODEN:
USXXCO LANGUAGE: English CLASS: 435325000; C12N-005/06A; C12Q-001/68B
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     Display 8/3/5
                       (Item 2 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
 140212029
             CA: 140(14)212029a
                                    PATENT
  Spliceosome mediated RNA trans-splicing for correction of factor VIII
 genetic defects in hemophilia A gene therapy
  INVENTOR (AUTHOR): Mitchell, Lloyd G.; Mansfield, S. Gary
 LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ.; US 20040038396 A1 DATE: 20040226
 APPLICATION: US 360787 (20020605)
  PAGES: 27 pp. CODEN: USXXCO LANGUAGE: English CLASS: 435325000;
C12N-005/06A
                                 - end of record -
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                       (Item 3 from file: 399)
    Display 8/3/6
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
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140194419
              CA: 140(13)194419w
                                    PATENT
 Use of spliceosome mediated RNA trans-splicing to confer cell selective
 replication to adenoviruses by complementing defective adenoviral essential
 genes from PTM-encoded proteins
  INVENTOR (AUTHOR): Otto, Edward
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ.; US 20040038403 A1 DATE: 20040226
 APPLICATION: US 434727 (20030508) *US PV378690 (20020508)
  PAGES: 16 pp. CODEN: USXXCO LANGUAGE: English CLASS: 435456000;
C12N-015/861A; C12N-007/00B
                                 - end of record -
     Display 8/3/7
                       (Item 4 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
             CA: 139(20)302992t
                                    PATENT
 Transgenic animal model for spliceosome-mediated RNA trans-splicing
  INVENTOR (AUTHOR): Puttaraju, Madaiah; Mitchell, Lloyd G.; Engelhardt,
John F.; Liu, Xiaoming
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ.; US 20030204861 Al DATE: 20031030
 APPLICATION: US 136723 (20020430)
  PAGES: 15 pp. CODEN: USXXCO LANGUAGE: English CLASS: 800018000;
A01K-067/027A
                                 - end of record -
    Display 8/3/8
                       (Item 5 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
 138147704
             CA: 138(11)147704j
                                    PATENT
  Synthetic pre-trans-splicing molecules (PTM) encoding diptheria toxin
 subunit A used for double RNA trans-splicing to disrupt human
papillomavirus virus 16 genes for cervix carcinoma treatment
  INVENTOR (AUTHOR): Mitchell, Lloyd G.; Garcia-Blanco, Mariano A.; Baker,
Carl C.; Puttaraju, Madaiah
 LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ.; US 20030027250 A1 DATE: 20030206
 APPLICATION: US 941492 (20010829) *US PV8317 (19951207) *US 766354
(19961213) *US 87233 (19980528) *US 133717 (19980813) *US 158863 (19980923)
*US 756096 (20010108) *US 838858 (20010420)
  PAGES: 124 pp., Cont.-in-part of U.S. Ser. No. 838,858. CODEN: USXXCO
 LANGUAGE: English CLASS: 435069100; C12P-021/02A; C12N-005/06B;
C12N-015/86B
                                 - end of record -
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     Display 8/3/9
                       (Item 6 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
             CA: 137(18)258923d
                                    JOURNAL
137258923
 Naturally occurring heterologous trans-splicing of adenovirus RNA with
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host cellular transcripts during infection
  AUTHOR(S): Kikumori, Toyone; Cote, Gilbert J.; Gagel, Robert F.
  LOCATION: Department of Endocrine Neoplasia and Hormonal Disorders,
University of Texas M.D. Anderson Cancer Center, Houston, TX, 77030, USA
  JOURNAL: FEBS Lett. (FEBS Letters) DATE: 2002 VOLUME: 522 NUMBER: 1-3
  PAGES: 41-46 CODEN: FEBLAL ISSN: 0014-5793 PUBLISHER ITEM IDENTIFIER:
0014-5793(02)02878-8 LANGUAGE: English PUBLISHER: Elsevier Science B.V.
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     Display 8/3/10
                        (Item 7 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.
              CA: 120(5)48268s
                                  JOURNAL
 The stereochemical course of the first step of pre-mRNA splicing
  AUTHOR(S): Maschhoff, Kathryn L.; Padgett, Richard A.
  LOCATION: Southwest. Med. Cent., Univ. Texas, Dallas, TX, 75235, USA
  JOURNAL: Nucleic Acids Res. DATE: 1993 VOLUME: 21 NUMBER: 23 PAGES:
5456-62 CODEN: NARHAD ISSN: 0305-1048 LANGUAGE: English
                                 - end of record -
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     Display 8/3/11
                        (Item 1 from file: 73)
DIALOG(R) File 73: EMBASE
(c) 2005 Elsevier Science B.V. All rts. reserv.
12901306
             EMBASE No: 2004504170
  Genetic medicine at the RNA level: Modifications of the genetic
 repertoire for therapeutic purposes by pre-mRNA trans-splicing
  Pergolizzi R.G.; Crystal R.G.
  R.G. Crystal, Department of Genetic Medicine, Weill Medical College,
  Cornell University, 515 East 71st Street, New York, NY 10021 United
  AUTHOR EMAIL: geneticmedicine@med.cornell.edu
  Comptes Rendus - Biologies ( C. R. BIOL. ) (France)
                                                        2004, 327/8
  (695 - 709)
  CODEN: CRBOC
                ISSN: 1631-0691
  PUBLISHER ITEM IDENTIFIER: S1631069104001647
  DOCUMENT TYPE: Journal ; Review
  LANGUAGE: ENGLISH
                     SUMMARY LANGUAGE: ENGLISH
  NUMBER OF REFERENCES: 102
                                 - end of record -
    Display 8/3/12
                        (Item 1 from file: 98)
DIALOG(R) File 98: General Sci Abs/Full-Text
(c) 2005 The HW Wilson Co. All rts. reserv.
           H.W. WILSON RECORD NUMBER: BGS199045917
04045917
                                                          (USE FORMAT 7 FOR
FULLTEXT)
eIF4 initiation factors: effectors of mRNA recruitment to ribosomes and
regulators of translation.
Gingras, Anne-Claude
Raught, Brian; Sonenberg, Nahum
Annual Review of Biochemistry v. 68 (1999) p. 913-63
SPECIAL FEATURES: bibl il ISSN: 0066-4154
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LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 21787
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     Display 8/3/13
                        (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2005 The HW Wilson Co. All rts. reserv.
04004118
            H.W. WILSON RECORD NUMBER: BGS199004118
                                                          (USE FORMAT 7 FOR
FULLTEXT)
 Alternative splicing of pre-mRNA: developmental consequences and mechanisms
 of regulation.
Lopez, A. Javier
Annual Review of Genetics (Annu Rev Genet) v. 32 ('98) p. 279-305
SPECIAL FEATURES: bibl il
                          ISSN: 0066-4197
 LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 13032
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     Display 8/3/14
                        (Item 1 from file: 144)
DIALOG(R) File 144: Pascal
(c) 2005 INIST/CNRS. All rts. reserv.
  12603268
             PASCAL No.: 96-0290797
  Identification et clonage du facteur 9G8, un nouveau membre de la famille
 des facteurs d'epissage riches en serines et arginines (SR). Etude des
 mecanismes de regulation de l'epissage alternatif
  (Identification and cloning of the 9G8 factor, a novel member of the
 family of splicing factors rich in serines and arginines (SR). Study of the
 regulation mechanisms of alternative splicing)
  CAVALOC Yvon; STEVENIN J, dir
  Universite de Strasbourg 1, Strasbourg, Francee
  Univ.: Universite de Strasbourg 1. Strasbourg. FRA Degree: Th. doct.
  1995-12; 1995 255 p.
  Language: French
                    Summary Language: French; English
                                 - end of record -
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     Display 8/3/15
                        (Item 1 from file: 357)
DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0366216 DBR Accession No.: 2005-11924
                                          PATENT
New cell having a nucleic acid molecule that target binding to a target
   pre-mRNA expressed within the cell, useful for conferring selective
   death on cells expressing a specific target precursor messenger RNA
   such as in cancer - DNA molecule cell and recombinant replicative virus
   for use in disease therapy
AUTHOR: MITCHELL L G; OTTO E;
                                MERRIL C R
PATENT ASSIGNEE: INTRONN INC 2005
PATENT NUMBER: WO 200523990 PATENT DATE: 20050317 WPI ACCESSION NO.:
    2005-223361 (200523)
PRIORITY APPLIC. NO.: US 658617 APPLIC. DATE: 20030909
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NATIONAL APPLIC. NO.: WO 2004US29022 APPLIC. DATE: 20040907
LANGUAGE: English
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                        (Item 2 from file: 357)
DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0339648 DBR Accession No.: 2004-11940
                                          PATENT
 New recombinant conditionally replicative adenovirus comprising a transgene
   that encodes a pre-trans-splicing molecule, useful for selective
   destruction of cancer cells or disease associated cells - adeno virus
   vector-mediated gene transfer and expression in host cell for gene
   therapy
AUTHOR: OTTO E
PATENT ASSIGNEE: OTTO E 2004
PATENT NUMBER: US 20040038403 PATENT DATE: 20040226 WPI ACCESSION NO::
    2004-203234 (200419)
PRIORITY APPLIC. NO.: US 434727 APPLIC. DATE: 20030508
NATIONAL APPLIC. NO.: US 434727 APPLIC. DATE: 20030508
LANGUAGE: English
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                        (Item 3 from file: 357)
DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0332976 DBR Accession No.: 2004-05268
                                          PATENT
 New transgenic non-human animal whose germ and somatic cells containing an
   exogenous nucleic acid molecule, useful in testing the ability of a
   pre-trans-splicing molecule to mediate a trans-splicing reaction -
   transgenic animal model construction for use in trans-splicing reaction
AUTHOR: PUTTARAJU M; MITCHELL L G; ENGELHARDT J F;
PATENT ASSIGNEE: PUTTARAJU M; MITCHELL L G; ENGELHARDT J F; LIU X 2003
PATENT NUMBER: US 20030204861 PATENT DATE: 20031030 WPI ACCESSION NO.:
    2004-010551 (200401)
PRIORITY APPLIC. NO.: US 136723 APPLIC. DATE: 20020430
NATIONAL APPLIC. NO.: US 136723 APPLIC. DATE: 20020430
LANGUAGE: English
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                        (Item 4 from file: 357)
DIALOG(R) File 357: Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.
0319359 DBR Accession No.: 2003-20499
                                          PATENT
 Isolating ribonucleoprotein complex, by contacting RNA affinity substrate
   having ribonucleoprotein assembly sequence and affinity tag, with
   protein mixture, subjecting complex formed to chromatography, affinity
   selection - involving vector-mediated gene transfer and expression in
   HeLa cell culture
AUTHOR: REED R; ZHOU Z
PATENT ASSIGNEE: REED R;
                          ZHOU Z 2003
PATENT NUMBER: US 20030068803 PATENT DATE: 20030410 WPI ACCESSION NO.:
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2003-540885 (200351)
PRIORITY APPLIC. NO.: US 47991 APPLIC. DATE: 20020114
NATIONAL APPLIC. NO.: US 47991 APPLIC. DATE: 20020114
LANGUAGE: English
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     Display 8/3/19
                        (Item 1 from file: 370)
DIALOG(R) File 370: Science
(c) 1999 AAAS. All rts. reserv.
00501451
            (USE 9 FOR FULLTEXT)
 Bimolecular Exon Ligation by the Human Spliceosome
Anderson, Karin; Moore, Melissa J.
W. M. Keck Institute for Cellular Visualization, Department of
  Biochemistry, Brandeis University, Waltham, MA 02254, USA.
Science Vol. 276 5319 pp. 1712
Publication Date: 6-13-1997 (970613)
                                       Publication Year: 1997
Document Type: Journal ISSN: 0036-8075
Language: English
Section Heading: Reports
Word Count: 3183
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      Items Index-term
Ref
E1
      1 AU=MITCHELL, LISLE S.
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         1 *AU=MITCHELL, LLOYD
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Ε6
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